

8-07 PRECAST TRAFFIC CURB AND BLOCK TRAFFIC CURB**8-07.1 Description**

This Work consists of furnishing and installing precast traffic curb, block traffic curb, sloped mountable curb, or dual faced sloped mountable curb of the design and type specified in the Plans in accordance with these Specifications and the Standard Plans in the locations indicated in the Plans or as staked by the Engineer.

8-07.2 Materials

Materials shall meet the requirements of the following sections:

Paint Formulas General	9-08.2
Precast Traffic Curb	9-18.1
Block Traffic Curb	9-18.3
Water Repellent Compound	9-18.4
Sodium Metasilicate	9-18.5

8-07.3 Construction Requirements**8-07.3(1) Installing Curbs**

The curb shall be firmly bedded for its entire length and breadth on a mortar bed composed of 1 part Portland cement and 2 parts of concrete sand. The anchor grooves in the bottom of the curb shall be entirely filled with the mortar.

Before the cement mortar bed is laid, all dirt shall be cleaned from the pavement surface by washing.

All old pavements and any portion of new pavements constructed under this Contract, which are covered with oil or grease within the curb limits, shall be further cleaned as follows:

1. The pavement shall be flushed with water.
2. While the pavement is still wet, sodium metasilicate, complying with the requirements as specified elsewhere herein, shall be evenly distributed over the pavement surface at a rate of 1 to 2-pounds per 100-square feet of pavement surface.
3. The sodium metasilicate shall remain on the pavement for at least 15-minutes. Where patches of oil, tar, or grease occur, these areas shall be scrubbed with a brush or broom.
4. The pavement surface shall then be thoroughly rinsed.

All joints between adjacent pieces of curb except joints for expansion and/or drainage as designated by the Engineer shall be filled with mortar composed of 1 part Portland cement and 2 parts sand.

The joints between adjacent units of block traffic curb will not require mortaring.

The alignment and the top surface of adjoining sections of curb shall be true and even with a maximum tolerance of $\frac{1}{16}$ -inch.

For both types of curb, nosing pieces, connecting dividers, and radial sections, as detailed in the Plans, will be required at the ends of the curb lines, at transitions from Type C traffic curb to Type A traffic curb, and at Type A traffic curb installation with radii less than 10-feet.

For sloped mountable curb installed in curves, the units shall be either curved blocks precast to the radii shown in the Plans or tangent blocks sawn to the dimensions shown in the Standard Plans to conform to the specified radii.

8-07.3(2) Painting of Curbs

Concrete curbing shall be painted with 2 full coats of paint conforming to Section 9-34.2, as shown in the Plans or as designated by the Engineer. The paint can be applied by brush or spray. The second coat shall have glass traffic paint beads sprinkled in the wet paint at the rate of 12-pounds per 100-linear foot of curbing. The beads shall conform to the requirements of Section 9-34.4.

8-07.4 Measurement

Type A precast traffic curb and Type A block traffic curb will be measured by the linear foot along the front face of the curb and return. Type C precast traffic curb and Type C block traffic curb will be measured by the linear foot along the axis of the curb. Type A nosing pieces and dividers will be measured as Type A curb, and Type C nosing pieces will be measured as Type C curb.

Sloped mountable curb will be measured by the linear foot along the front face of the curb. Dual faced sloped mountable curb will be measured by the linear foot of tapered block and nosing block installed. Only 1 face of dual faced curb will be measured.

8-07.5 Payment

Payment will be made in accordance with Section 1-04.1, for each of the following Bid items that are included in the Proposal:

- “Type A Precast Traffic Curb”, per linear foot.
- “Type C Precast Traffic Curb”, per linear foot.
- “Type A Block Traffic Curb”, per linear foot.
- “Type C Block Traffic Curb”, per linear foot.
- “Precast Sloped Mountable Curb”, per linear foot.
- “Precast Dual Faced Sloped Mountable Curb”, per linear foot.